

Stereo Encoder

HE-12/HE-4 Series - MISE



The MISE Stereo Encoder provides an economical solution for service providers wanting to deliver programs in stereo. The MISE is intended for use with Blonder Tongue's MIRC-12 rack chassis' with its associated power supply. The modular design provides an efficient compact means to accommodate 6 encoders coupled with 6 modulators or 12 encoders in 2RU's of precious rack space. The MISE accepts baseband left and right audio inputs from sources such as a satellite receiver, demodulator, VCR or DVD and generates a composite BTSC stereo signal. The composite signal in turn is applied to a compatible modular audio/visual modulator such as a MICM-45B or AMCM-806. It is also compatible with any modulator that has a pre-emphasis defeat feature. The MISE features 24 dB stereo separation, a pilot lock indicator and a test tone generator to meet any demanding stereo insertion need.

○ Features & Benefits

- Modular Design Minimizes Rack Space
- 24 dB Stereo Separation with low Distortion
- Build-in Test Tone for Audio Level Calibration with Modulator
- Pilot Lock & Power LED Indicator

○ Specifications

Audio Input

Input Impedance:
20K Ohms (unbalanced)
40K Ohms (balanced)
Input Level: 250mVrms to 2.5Vrms

Video Input

Input Impedance: 10K Ohms
Input Level Range: 0.5 Vp-p to 2.0 Vp-p

Composite Output

Output Impedance: 100 Ohms
Output Level: 1.1 Vp-p at 100% Modulation

Stereo Performance

Stereo Separation: 24 dB Typical, 20dB Min.
Harmonic Distortion: 0.25%
S/N Ratio: 65 dB
Frequency Response: ± 1 dB from 50Hz to 12KHz

Test Tone

Frequency: 10.396 KHz ± 50 Hz
Amplitude: 0.5 Vp-p $\pm 10\%$

General

DC Power Input: +12 VDC @ 200 mA
Operating Temp. Range: 0° to +50° C

Mechanical

Dimensions W x H X D:
1.15 x 3.5 x 7.5 in
29 x 89 x 191 mm
Weight: .73lbs., .33 Kg

○ Ordering Information

Model	Stock No.	Description
MISE	7725B	HE-12 & HE-4 Series Micro Stereo Encoder